

JP02053742

DIMERIZATION OF AROMATIC HALOGEN COMPOUND

mitsubishi kasei corp

**Inventor(s): ;SATO KEIICHI ;TAKEWAKI TAKAHIKO ;OGOSHI TORU ;SUGURO
YOSHIO**

Application No. 63203534 , Filed 19880816 , Published 19900222

Abstract:

PURPOSE: To produce a biaryl compound in a high yield industrially and advantageously by dehalogenating and dimerizing an aromatic halogen compound by using a catalyst prepared by supporting a palladium compound on a carrier in the presence of a hydrohalogenic acid.

CONSTITUTION: An aromatic halogen compound (e.g., chlorobenzene) containing at least one halogen atom on an aromatic carbon is dehalogenated and dimerized in the presence of water, reducing agent (e. g., methanol or ethylene glycol) and a halogen acceptor (e.g., salt of alkali metal or alkaline earth metal) by using a catalyst prepared by supporting a palladium compound (e.g., tetrachloropalladium ammonium salt) on a carrier (especially preferably active carbon) as the catalyst to give a biaryl compound.

COPYRIGHT: (C)1990,JPO&Japio

Int'l Class: C07C01514 B01J02713 C07C00126 C07C051353 C07C063331 C07B06100

MicroPatent Reference Number: 000800257

COPYRIGHT: (C) JPO